

ABSTRACT OF THE DISCLOSURE

This invention relates generally to the art of computer graphics, and more specifically to the field of line sampling object scene information for the purpose of reconstructing an image of the object scene. In particular, the invention distributes a set of line samples across an image plane such that the distribution of the set of line samples is non-regular. Additionally, the invention projects objects from an object scene onto an image plane and computes a view of the objects along each line sample in the set of line samples. Finally, the invention combines the view along each line sample in the set of line samples to form a view of the object scene.

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